

Yaxuan Jing

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,012
citations

759233

12
h-index

996975

15
g-index

16
all docs

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docs citations

16
times ranked

882
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Catalytic Production of Value-Added Chemicals and Liquid Fuels from Lignocellulosic Biomass. <i>Chem</i> , 2019, 5, 2520-2546. | 11.7 | 337 |
| 2 | Towards the Circular Economy: Converting Aromatic Plastic Waste Back to Arenes over a Ru/Nb ₂ O ₅ Catalyst. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5527-5535. | 13.8 | 169 |
| 3 | Chemicals from Lignin: A Review of Catalytic Conversion Involving Hydrogen. <i>ChemSusChem</i> , 2020, 13, 4181-4198. | 6.8 | 126 |
| 4 | Robinson Annulation-Directed Synthesis of Jet-Fuel-Ranged Alkylcyclohexanes from Biomass-Derived Chemicals. <i>ACS Catalysis</i> , 2018, 8, 3280-3285. | 11.2 | 58 |
| 5 | Highly efficient Nb ₂ O ₅ catalyst for aldol condensation of biomass-derived carbonyl molecules to fuel precursors. <i>Chinese Journal of Catalysis</i> , 2019, 40, 1168-1177. | 14.0 | 55 |
| 6 | H ₂ -free Plastic Conversion: Converting PET back to BTX by Unlocking Hidden Hydrogen. <i>ChemSusChem</i> , 2021, 14, 4242-4250. | 6.8 | 50 |
| 7 | Towards the Circular Economy: Converting Aromatic Plastic Waste Back to Arenes over a Ru/Nb ₂ O ₅ Catalyst. <i>Angewandte Chemie</i> , 2021, 133, 5587-5595. | 2.0 | 42 |
| 8 | Production of Low-Freezing-Point Highly Branched Alkanes through Michael Addition. <i>ChemSusChem</i> , 2017, 10, 4817-4823. | 6.8 | 34 |
| 9 | Selective production of indane and its derivatives from lignin over a modified niobium-based catalyst. <i>Chemical Communications</i> , 2019, 55, 9391-9394. | 4.1 | 31 |
| 10 | Recovery of Arenes from Polyethylene Terephthalate (PET) over a Co/TiO ₂ Catalyst. <i>ChemSusChem</i> , 2021, 14, 4330-4339. | 6.8 | 31 |
| 11 | NbO _x -Based Catalysts for the Activation of C=O and C=C Bonds in the Valorization of Waste Carbon Resources. <i>Accounts of Chemical Research</i> , 2022, 55, 1301-1312. | 15.6 | 30 |
| 12 | Highly efficient alloyed NiCu/Nb ₂ O ₅ catalyst for the hydrodeoxygenation of biofuel precursors into liquid alkanes. <i>Catalysis Science and Technology</i> , 2020, 10, 4256-4263. | 4.1 | 22 |
| 13 | Plastic waste to drug intermediate: targeted cleavage of C=O bonds in polyphenylene oxide to 3,5-dimethyl phenol. <i>Green Chemistry</i> , 2021, 23, 9640-9645. | 9.0 | 13 |
| 14 | Boosting the utilization efficiency of glucose via a favored C=C coupling reaction. <i>Green Chemistry</i> , 2019, 21, 6236-6240. | 9.0 | 7 |
| 15 | Catalytic Hydrodeoxygenation of Lignin-Derived Feedstock Into Arenes and Phenolics. <i>Frontiers in Chemical Engineering</i> , 2020, 2, . | 2.7 | 7 |